1

of

3

Please type a plus sign (+) inside this box —>

Approved for use through 07/3/2006. OMB 0651-0615

U.S. Patent and Trademont. Office: U.S. DEPARTMENT OF COMMERCE.

U.S. Patent and Trademont of the Pavernooth Reduction Act of 1995, so persons are provided to a collection of information value is contrained and OND Record name of the contrained of the contrained on the co

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO Application Number 10/580382 INFORMATION DISCLOSURE Filing Date May 22, 2006 STATEMENT BY APPLICANT First Named Inventor KACHNIC, Edward et al. Unknown 1791 Group Art Unit (use as many sheets as necessary) Examiner Name Unknown Emmanuel S Luk

Attorney Docket Number

2000-1220-PCT8-US

Sheet &

IIS PATENT DOCUMENTS

Examined Cite			U.S. PATENT DOCUMENTS					
ANTINE C	Cite		U.S. Patent Document	Date of Publication of Cited Document	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages/Relevant		
N N	No. 1		Number-Kind Code 2 (0/ taren)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear		
		US-/	2004/0128020 A1	07-01-2004	FISCHBACH	ALL		
		US-/	2004/0093114 AI	05-13-2004	MAGARIO ET AL.	ALL		
			2003/0195649 A1	10-16-2003	WUNDER	ALL		
		US-/	2003/0065420 A1	04-03-2003	KACHNIC ET AL.	ALL		
		US-	2003/0007690 A1	01-09-2003	RAJAGOPAL ET AL.	ALL		
		US-	2002/0137567 AI	09-26-2002	CHENG	ALL		
		US-	2002/0102966 AI	08-01-2002	LEV ET AL.	ALL		
		US-	2002/0089298 A1	07-11-2002	HATLEY ET AL.	ALL		
		US-	2002/0068106 A1	06-06-2002	KACHNIC ET AL.	ALL		
		US-	2001/0034222 A1	10-25-2001	ROUSTAEI ET AL.	ALL		
		US-	6,695,994 B2	02-24-2004	BULGRIN ET AL.	ALL		
		US-	6,592,355 B2	07-15-2003	KACHNIC ET AL.	ALL .		
		US-	6,592,354 B2	07-15-2003	KACHNIC ET AL.	ALL		
		US-	6,515,696 B1	02-04-2003	DRISCOLL, JR. ET AL.	ALL		
		US-	6,463,446 BI	10-08-2002	WOLLRATH ET AL.	ALL		
		/US-	6,408,429 B1	06-18-2002	MARRION, JR. ET AL.	ALL		
		US-/	6,400,398 B1	06-04-2002	CHEN	ALL		
		US-r	6,396,949 B1	05-28-2002	NICHANI	ALL		
		US-/	6,369,873 B1	04-09-2002	LEVY ET AL.	ALL		
		US-/	6,362,875 B1	03-26-2002	BURKLEY	ALL		
		US-/	6,356,192 B1	03-12-2002	MENARD ET AL.	ALL		
		US-7	6,275,741 B1	08-14-2001	CHOI	ALL		
		US-r	6,258,303 B1	07-10-2001	HIBI ET AL.	ALL		
		US-r	6,232,583 B1	05-15-2001	UHM	ALL		
		US-/	6,233,626 B1	05-15-2001	SWALES ET AL.	ALL		
		054	6,226,395 B1	05-01-2001	GILLILAND	ALL		
		US-/	6,208,266 B1	03-27-2001	LYONS ET AL.	ALL		

Examiner Signature	/Emmanuel Luk/	Date Considered	05/12/2008
-----------------------	----------------	--------------------	------------

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Indude copy of this form with next communication to applicant. "Applicant? similare citation designation number (Optional)." See Kinds of U.S.PTO Patent Documents. A revue againgto or MPEP 901 04* Team Office that issued the document, by the very-client code (WIPO) Standard ST3.). "Or Trajunces peared colormouss, the indication of the year of the reign of the Emperor must precede the serial number of the patent document." Xind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 (possible. "Applicant to a place a check mark fore if English Integrape Translation is attended."

This collection on information in required by 37 CFR, 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is in file (and by the USFTO to process) an application. Confederability is governed by 37 SIG, 1.22 and 37 CFR, 114. This collection is criminated to take 2 hours to complete, including an ashmitting, the completed application form to the USFTO. Time will very depending upon the individual case. Any comment on the number of time por require to complete that process and the complete stage of the complete that the complete stage of the complete

1058038084084091 1791 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

				Complete if Known		
Submitted for	form 1449/PTO			Application Number	10/580382	
				Filing Date	May 22, 2006	
	FORMATION I			First Named Inventor	KACHNIC, Edward et al.	
ST	ATEMENT BY	APPL	ICANT	Group Art Unit	Unknown 1791	
·				Examiner	Unknown Emmanuel S Luk	
Sheet	2	of	3	Attorney Docket Number	2000-1220-PCT8-US	

usy 6 102 257 B1	00.00.001	D.11	ALL
 0,192,207 D1	02-20-2001	RAY	
 0,094,219	07-25-2000	ROBERTS	ALL
 usr 6,066,089	05-23-2000	COSTELLO ET AL.	ALL
 us-/ 6,051,170	04-18-2000	KAMIGUCHI ET AL.	ALL
 us-/ 6,024,902	02-15-2000	MAUS ET AL.	ALL
 us-/ 5,591,385	01-07-1997	ARAI ET AL.	ALL
us-/ 5,978,578	11-02-1999	AZARYA ET AL.	ALL
us-/ 5,940,139	08-17-1999	SMOOT	ALL
us-/ 5,928,578	07-27-1999	KACHNIC ET AL.	ALL
US-/ 5,898,591	04-27-1999	HETTINGA ET AL.	ALL
USA 5,891,383	04-06-1999	JOSEPH	ALL
us-/ 5,878,153	03-02-1999	MIKULEC ET AL.	ALL
us-/ 5,825,617	10-20-1998	KOCHIS ET AL.	ALL
^{US-/} 5,815,397	09-29-1998	SAITO ET AL	ALL
5,806,005	09-08-1998	HULL ET AL.	ALL
5,795,511	08-18-1998	KALANTZIS ET AL.	ALL
5,768,138	06-16-1998	RUOTOLO ·	ALL
us-/ 5,567,366	10-22-1996	MOTEGI ET AL.	ALL
ts-/ 5,470,218	11-28-1995	HILLMAN ET AL.	ALL
us-/ 5,454,022	09-26-1995	LEE ET AL.	ALL
tss- 5,243,665	09-07-1993	MANEY ET AL.	ALL
us-/ 5,223,191	06-29-1993	TATSUNO ET AL.	ALL
us/ 5,158,724	10-27-1992	YAGI ET AL.	ALL
us-/ 5,115,136	05-19-1992	TOMASCH	ALL
us-/ 5,095,252	03-10-1992	KURTH	ALL
us-/ 5,062,053	10-29-1991	SHIRAI ET AL.	ALL
us. 5,062,052	10-29-1991	SPARER ET AL.	ALL
us-/ 4,933,126	06-12-1990	SHUMAN	ALL
us-/ 4,871,493	10-03-1989	GOTO	ALL
us-/ 4,841,364	06-20-1989	KOSAKA ET AL.	ALL

- ·		l n .	
Examiner Signature	/Emmanuel Luk/	Date Considered	05/12/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 699. Draw line through citation if not in conformance and not considered, lactude copy of this form with next communication to applicant. "Applicant's unique obtaine designations number (Optional). "See Kinds of U.S.PTO Pattert Documents and the conformance of the conformance of the consideration of the conformance of the conformance

105803#938#0@d4-bd): 1791 Approved for use through 10/31/2002. OMB 0631-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

				Complete if Known		
Submitted f	or form 1449/PTO			Application Number	10/580382	
				Filing Date	May 22, 2006	
	NFORMATION I			First Named Inventor	KACHNIC, Edward et al.	
S	TATEMENT BY	APPL	ICANT	Group Art Unit	Unknown 1791	
				Examiner	Unknown Emmanuel S. Luk	
Sheet	3	of	3	Attorney Docket Number	2000-1220-PCT8-US	

us-/ 4,806,292	02-21-1989	DELACY	ALL
us-/ 4,603,329	07-29-1986	BANGERTER ET AL.	ALL
us-/ 4,358,186	11-09-1982	JOHNSON ET AL.	ALL
us- 4,236,181	11-25-1980	SHIBATA ET AL.	ALL
us-/ 3,642,401	02-15-1972	WILSON	ALL
us→ 3,303,537	02-14-1967	MISLAN	ALL

FOREIGN PATENT DOCUMENTS							
			Foreign Patent Document	Date of Publication of		Pages, Columns, Lines, Where	
Examiner Initials *			Code 3 Number 4 Kind Code 5 (If known)	Cited Decement	Name of Patentee or Applicant of Cited Document	Relevant Passages/Relevant Figures Appear	
		DE	19909307 A1	07-17-1998	KRAUSE	ALL	
		EP	1128244 A2	08-29-2001	MESCHIA	ALL	
		wo	01/98050 A1	12-27-2001	KACHNIC ET AL.	ALL	
		DE	20204359 U1	06-06-2002	ENGEL MASCHBAU	ALL	

Examiner Initials *	Cite No. 1	Include name of the Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages (s), volume-issue, number(s), publisher, city and/or country where published	T ²
		ABBOTT et al., "Elimination of Process Constraints In Plastics Injection Molding", International Polymer Processing, 1999, 13(3); pg. 249-255.	

Examiner Signature	/Emmanuel Luk/	Date Considered	05/12/2008

*EXAMINE: Initial if reference considered, whether or not citative is in conformance with METP 600. Draw line through citatives if not in conformance and not considered footback one of this from which were communication to applicant. Applicative a taught collection designation number (German). See Action 16.1 SPTO Patent Documents. At <u>www.unito.og.</u> or MFEP 901 0.1 *Enter Office that issued the document, by the two-letter code (WIPO) Standard 57.3.). *For Japanese partner documents, the indication of the year of the region from Emperor was preceded the serial number of the partner document. *Xind of documents by the appropriate perspholes as indicated on the document under WIPO Standard 57.1 6 if possible. *Applicant is to place ackeet must here if English language Translation is attached.

This collection on information is required by 57 CFR 1.19 and 19.8. The information is required to design or retain a benefit by the public which is to file (and by the USPTO to

This collection or information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) a application. Confidentiality is governed by 38 U.S. C. 122 and 37 CFR. 1.4. This collection is estimated to take 2 hours to complete, including guitnering, personal unit of the completed application for most not the USPTO. Time will vary depending upon the individual case. Any comments on the amount of their pour require to complete the completed supplication for most or the USPTO. Time will vary depending upon the individual case. Any comments on the amount of their pour require to complete the formation suggestions for reducing this burden, about the sent to the Chief Information Officer, U.S. Patent and trademark Office, P.O. Box 1450, Alexandria V. 2231-1450. DN OT SEND PEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO Commissioner for Patents, P.O. Box 1450 Alexandria V. 2231-1450.